

01/03/11

Back notes - Entered into log book
for START Sean Kane by
START Matthew Beer.

1000 START Kane contacted by Dan Capone
concerning residential Hg spill at Non-Responsive
Canterbury Rd.

1340 START Kane arrives to site, and while
on route, proceeded to warm up Lumex for
recommended 20 minutes. Calibration of
Weston Lumex RFW25827; Deviation (R%)
= 7 after application of test command.

START Kane receives phone call from OSC
Lippert instructing breathing zone
monitoring only throughout the house,
record results, and then contact OSC.

1410 Mercury air monitoring results in main
room where mercury was spilled averaged
1500 ng/m³, kitchen 1000 ng/m³, bedrooms
900 ng/m³. START Kane discusses readings
with OSC Lippert who advises that home
owner should continue to heat and
vent the house. But due to private
insulation contractors in the process of
injecting foam within the cavities of
home, homeowner does not want to

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vent the house at the present time
while the foam is curing. Homeowner
stated she will heat and vent tomorrow
morning and aft, and that she does
not have to work tomorrow and will
coordinate with START for return
screening at 1500 hours on 1/4/11.

Both OSC Lippert and D. Capone notified

1440 START Kane off-site.

MAB

01/04/11

1230 START Kane contacted resident at

Non-Responsive

Canterbury

Non-Responsive

left voicemail message with contact info. START enquired on confirmation of resident that she had the opportunity to heat and vent residence and that she would be at the residence at 1500 hours

1445 Received phone call from resident that she would be home at 1500, but due to the fact it would take START close to an hour to reach her residence that timeframe would not work for her, her a later time in the evening. START Kane set another appt for 1500 hours on 1/5/11

1538 Both OSC Lippert and Weston Dan Capone notified of conversation

MAB

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1140 START Kane leaves voice message for

Non-Responsive

Canterbury resident

Non-Responsive

to confirm her presence at 1500.

START via email notifies OSC Lippert and D. Capone.

1400 START Kane leaves for site and proceeds to warm up Luxer for the recommended 20 min prior to measures

1500 START Kane conducts test command for Weston Luxer RFW25827 to obtain Deviation (R%) = R% = 5

1505 START Kane conducts breathing zone readings in main room with an average of 1200 ng/m³. Above floor vent where spill occurred in general area = 2500 ng/m³, homeowner has stated that she has heated and vented the house four times. Second round of readings conducted by START in breathing zone: Above floor vent averaged 1600 ng/m³ and averaged in main room 1200 ng/m³ with readings as low as 600 ng/m³

1550 START Kane leaves message for OSC Lippert and Weston D. Capone

1/5/11

Summarizing mercury vapor readings

1640 START Kane returns home

1730 START Kane notified by OSC Lippert that ERRS will be on site tomorrow to conduct heat and vent cycles in an attempt to remediate lingering vapors.

WAB

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0710 START Kane arrives at site and meets with ERRS - ER Env Restoration

0730 START calibrates Weston Lumex RFW 25827 - $RY = 10$

0740 Initial readings prior to heating with propane torpedo heaters, main room = avg. of 11000 ng/m^3 (note entertainment center moved away from vent and according to ERRS had mercury beads within it during initial cleanup activities. Readings behind center averaged 3000 ng/m^3 . Readings within the entertainment center near VCR (on left) near 6000 ng/m^3 . Right inside of center = 3000 ng/m^3

0750 ERRS begin heat process with one torpedo heater in kitchen, and one in the main room.

0900 Heating process continues

0920 Lumex readings in breathing zone in main room (merc spill area) averaging $500-600 \text{ ng/m}^3$. Floor level at vent (resident furnace on) 2000 ng/m^3 . Left inside of entertainment center

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1000 ng/m³ and ERRS has turned off heaters and will put vent fans in windows to vent vapors from inside of house. ERRS will also change out the furnace filter at residence.

1000 Breathing zone levels around mercury spill area fluctuating around 1200 ng/m³.

1030 ERRS begin heating cycle again due to elevated levels. Note back of picture frame that was initially behind the entertainment center reading 22,000 ng.

1130 Heating main room and Kitchen

1300 After ventilation procedures, close windows and allow normal ambient temp to come down to approx. 70°F. Measurements still fluctuating between 1000-1400 ng/m³. ERRS moves entertainment center outside and picture frame to shed. Measurements throughout main room still fluctuating between 1200 and 1400 ng/m³ in breathing zone.

1330 ERRS remove suspect piece of carpet in "bottleneck" walkway which exhibited elevated mercury vapor readings from

1/6/11

1500-2500 ng/m³ (floor readings) and may be contributing to elevated breathing zone levels. Breathing zone levels in main room avg. 1000-1400 ng/m³.

1335 ERRS begin another heat/vent cycle.

1430 START conducts readings within vent and reading are highly elevated, avg. between 15 and 20,000 ng/m³. Sporadic high readings in general area above the floor vent due to potential residual "micro-beads" that may still be present within the heat duct and causing ambient breathing zone readings above 1000 ng/m³.

1500 Conference call with OSC Lippert and ERRS to confirm a scope of work plan for 1/7/11 to utilize a mercury vacuum again within the heat duct, remove carpeting in main room, and use an epoxy like medium to seal beams bottom of duct within the floor. Homeowner also notified of activities and has agreed to allow ERRS and START to conduct necessary remedial activities starting the morning of 1/7/11.

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1630 START Kane informs Weston Dam
Capone of scheduled scope of work
activities. START offsite —

MAB